

"ROLL WITH THE PROS"



Pro-Chem-Co.

Roll with the Pro's

Products And Services
For

The Metalworking Industry

Metalworking Fluid Product Groups

- Machining and Grinding Fluids
- Metalforming Lubricants
- Cleaners
- Corrosion Preventatives
- Specialty Products

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PRO-CHEM-CO Metalworking ...

Where The Customer Comes First!

PRO-CHEM-CO BUSINESS PHILOSOPHY

Customer needs always come first. Our experience has taught us that when we serve our customers well, our business prospers. **Integrity, Honesty, and Loyalty** are the cornerstones of our business and our business relationships. We value our People, the Quality of Products and Services we provide, and the Trust that our customers place in us.

We encourage creativity, imagination and innovation. We stress Teamwork, Communication and Problem Solving. We are large enough to undertake your most challenging requests, yet small and focused enough to provide the rapid, efficient, and personal service you deserve.

We listen well...and the needs of our customers always come first!
OUR BUSINESS AND YOU ...

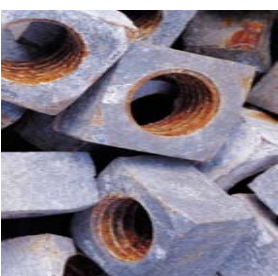
PROCHEMCO is a marketer and manufacturer of Metalworking Fluids, Specialty Lubricants, Chemicals and Equipment for metal processors. Our product lines are used in many industries, applications and manufacturing operations. We serve the automotive, steel, aerospace, refrigeration/air conditioning, appliance and various other markets.

PROCHEMCO takes a “**Systems Approach**” in our business, similar to that used in chemical management programs. We provide the appropriate lubricant for cutting or forming operations, the specific cleaner to remove that lubricant, and finally the corrosion preventative to protect the cleaned metal.

PROCHEMCO’s “**Systems Approach**” will dramatically reduce your overall costs,, while simultaneously providing you with process control. PROCHEMCO can accomplish this with our integrated product lines, and chemical expertise gained through decades of hands on experience. This is our business approach and we invite you to join us and ...

“ROLL WITH THE PRO’S

CORROSION PREVENTATIVES



Water Based

PRO-COAT 125: Short term, indoor corrosion preventative. Deposits hydrophobic film on metal. Also used to provide Rust Protection in final stage of cleaning operations.

Solvent Based

PRO-COAT 139: Solvent based, Long term, indoor corrosion preventative. Deposits light oily film on metal. Excellent choice for cast irons. Displaces moisture, penetrates holes and recessed part areas well.

PRO-COAT 135: Solvent based, long term, indoor corrosion preventative. Deposits imperceptible protective film on parts. Displaces moisture, penetrates holes and recessed part areas well. Water displacing and quick drying.

Oil Based

PRO-COAT 140: Oil based, Long term, indoor corrosion preventative. Low viscosity, high metal wettability. Provides the ultimate in-process corrosion resistance.

SPECIALTY PRODUCTS

- | | | |
|------------------------------------|----------------------------------|------------------------|
| • Hydraulic, Spindle and Way Lubes | • Forging and Parting Lubricants | • Quenching Oils |
| • Gear Lubricants | • Wire Drawing Lubricants | • Spinning Lubricants |
| • Aerosols | • Cold Heading Lubricants | • Greases |
| • Fine Blanking Lubricants | • Swagging Lubricants | • EDM Fluids |
| | | • Extruding Lubricants |
| | | • Rolling Oils |

CLEANERS

Floor Cleaners/General Purpose Cleaners **In-Process Cleaners**
(Hot Tank & Spray)

PRO-CLEAN A: Excellent Floor Cleaner, Steam Cleaner and General Purpose Maintenance Cleaner.

PRO-CLEAN FE: Heavy-duty cleaner for Steels. Ideally suited for “rough cleaning” jobs. Removes cutting oils, mill oils, greases and carbon.

PRO-CLEAN R: Similar to PRO-CLEAN A, but with added **disinfecting** and **low foam** properties. Outstanding detergent for stubborn soils. Excellent choice for Automatic Floor Scrubbers

PRO-CLEAN AL: Heavy-duty cleaner for Aluminum Alloys. Cleans and *Brighens* soft metals. Cleans well in hard water. Low Ph inhibits metal staining. Spray, Tank or Vibratory

Ultra-Sonic Cleaners

PRO-CLEAN U: Heavy-duty Ultra-Sonic Cleaner for all metals. Excellent for removing buffing compounds and grease from sensitive metals, e.g., silver, gold, brass, copper or platinum

PRO-CLEAN V: Heavy-duty Vibratory Cleaning and Deburring compound. For all metals. Outstanding corrosion control on parts and media. Utilized in rotary barrel, centrifugal disc, spindle and ultrasonic systems.

PRO-CLEAN RP: Heavy-duty cleaner for in-process cleaning of steel. This cleaner has “built in” short term Rust Protection. Low foaming formulation “splits out” oils

PRO-CLEAN GP: Medium-duty, low temperature cleaner for all metals. Excellent detergent in hard water. Non-staining on copper, brass, galvanized or other sensitive metals.

In addition to the above industrial cleaner formulations, PRO-CHEM-CO will “CUSTOM” manufacture cleaners for virtually any application or industry.

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MACHINING & GRINDING FLUIDS

Soluble Oil Coolants

PRO-CUT 200: Heavy-duty, *LOW OIL* soluble. Excellent for all operations and metals. Runs clean with good surface finishes.

PRO-CUT 210: Heavy-duty soluble oil. Excellent for all operations and metals. Outstanding extreme pressure lubrication and sump life

PRO-CUT 211: Medium-duty, *CHLORINE FREE*, soluble oil for all operations and metals. Meets Aerospace and Nuclear requirements.

Semi-Synthetic Coolants

PRO-CUT 408: Medium-duty Semi-Synthetic, for all operations and metals. Excellent for machining cast irons and aluminum alloys.

PRO-CUT 409: Heavy-duty Semi-Synthetic, for all operations and metals. Ideal for super alloys, aluminum castings and difficult to machine materials.

SYNTHETIC COOLANTS

PRO-CUT 600: For all grinding operations. Good corrosion inhibition, finishes and fine setting properties.

PRO-CUT 605: Heavy-duty machining/grinding coolant. Good corrosion inhibition and tramp oil splitting properties. Excellent for CNC/Turning Centers

Microlubricants*

Micro PRO-CUT 611: Synthetic Machining/Forming microlobe for non-ferrous metals. Ideal for sawing aluminums, copper alloys and brass. **ASHLESS** ingredients for post heat treatments

Micro PRO-CUT 613: Synthetic, machining and forming microlobe for ferrous and non-ferrous metals. The ultimate in lubrication and tool life. No post heat treatment

Micro PRO-CUT 615: Biodegradable, high lubricity, all operation microlobe for ferrous and non-ferrous metals. heat treatable. Great for heavy-duty aluminum operations.

Micro PRO-CUT 617: Synthetic, medium-duty microlobe for all metals/operations. Ideal for bending, stamping or cut-off operations. No post heat treatment.

*** A I I P R O - C H E M - C O Microlubricants are used as is. They contain no oil or water. No corrosion or rancidity is possible!!!**

METALFORMING LUBRICANTS

Oil Based Lubricants

PRO-FORM 850: Heavy-duty, emulsifiable drawing/stamping lube for all metals. Ideal for deep drawing and progressive die forming of tough alloys.

PRO-FORM 855: Medium-duty, emulsifiable stamping lube for general purpose presswork of all metals. Excellent lubricity and metal coverage. Easy to clean off.

PRO-FORM 858: Heavy-duty, all operation lube. Ultimate lubricity, corrosion control and formability. USED AS IS, to draw, extrude, fine blank or bend stainless steels

Synthetic Lubricants

PRO-FORM 860: Heavy-duty drawing/stamping lube. Weldable, oil free, for deep drawing, stamping and rollforming of all metals.

PRO-FORM 865: Heavy-duty, PASTE forming lube. Ideal for tough operations. "Weldable" and Annealable. Easy to clean off. Outstanding bending lubricant.

PRO-FORM 869: Medium-duty, lube for general purpose presswork on all metals. Exceptional part finishes on soft metals.

Vanishing Lubricants*

PRO-FORM 805: General purpose "Evaporative Lubricant" for light-duty forming of all metals. Requires no post cleaning. Ideal to bend or stamp painted stock.

PRO-FORM 807: "Evaporative Lubricant" for light-duty forming of aluminum or galvanized. Requires no post cleaning. Excellent metal wetting properties..

PRO-FORM 809: "Evaporative Lubricant" for light-duty forming of aluminum. Meets FDA requirements for incidental food contact. Ashless and brazable.

PRO-FORM 811: Medium-duty "Evaporative Lubricant" for tough forming of aluminum. Ideal for manufacturing lubricant. Meets R-134A compatibility

*** All PRO-CHEM-CO Vanishing Lubricants are Ashless, Reject Moisture, are Non-staining, Oil Free and WILL NOT GO RANCIID!**